the last three years, the Centre has been extending Central Loan Assistance for anti-sea erosion works to State Government from 1972-73. The Central Loan Assistance given during the last three years for anti sea erosion works is as under:-

Year	*Rs. in crore*
1988-89	2.50
1989-90	2.37
1990-91	2.05

Safety Measures for Coal Mining

1298. SHRIMATI VASUNDHARA RAJE: Will the Minister of COAL be pleased to state:

(a) whether the Union Government have formulated any scheme to provide adequate safety in the coal mines;

(b) if so, the details thereof;

(c) whether any modern technology is proposed to be adopted to improve safety and environment aspects of coal mining; and

(d) if so, the details thereof and the time by which the said scheme is expected to be implemented?

THE DEPUTY MINISTER IN THE MINISTRY OF COAL (SHRI S.B. NYAMAGOUDA): (a) and (b). The mining operations in coal mines including the safety aspects are regulated by the Mines Act, 1952 and the rules and regulations framed thereunder. There is a regular system of monitoring and reviewing the safety situation, through Pit Safety Committees (including workers' representatives) atg unit level, tripartite committees at the Area and Company levels, Safety Board at Coal India and the Standing Committee on Safety in coal mines at Govt. level. Periodical Safety Conference also lay down guidelines for improving safety in mines. Workmen Inspectors are appointed in all mines, who report to the management and to the Director General of Mines Safety.

(c) and (d). Environment Management Plans now form an integral part of coal projects to ensure adequate environment protection after obtaining expert advice on modern technology. In the matter of safety, the new technology of roof-bolting is being adopted increasingly to prevent accidents through fall of roof-side and fresh survey plans are being got prepared in collaboration with the Survey of India to safeguard against inundation of mines.

Fresh Water Aquaculture

1299. SHRIMATI VASUNDHARA RAJE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Government have launched fresh water aquaculture scheme in some States as part of anti-poverty drive;

(b) if so, the details thereof;

(c) whether the Government have made any assessment on the success of that anti-poverty drive; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPPALLY RAMACHANDRAN): (a) and (b). Government have launched Fresh Water Aquaculture Scheme for increasing fish production, generating employment and income and diversifying agriculture.

(c) and (d). Under the scheme of Fresh Water Aquaculture, 365 Fish Farmers Development Agencies (FFDAs) have so far been sanctioned covering potential districts in all the States. The FFDAs have brought about 2.82 lakh hectares ponds and tanks under fish culture and trained about 3.31 lakh fish farmer in improved practices of fish farming. The average productivity of ponds and tanks under FFDA programme has gone up from 50kg/ha./year in 1973-74 to 1005 kg/ha./year in 1990-91.